

NO. 6 FUEL OIL/BUNKER FUEL

Lab Reference	2004-0115	Classification	Tk 3
Vessel/Barge	Norman McLeod	Grade	#6 Fuel Oil
Client	Sprague	Terminal	Searsport, ME
Date on Sample	4/26/04	Sampled by	RL
Date Tested	4/26/04	Tested by	AC

Tests	Method	Results	Unit of Measure
API Gravity @ 60°F	D-4052	11.9	API
Flash Point, PMCC	D-93B	222	Degrees F
Pour Point/Upper	D-97	0/32	Degrees C/F
Sulfur Content	D-4294	1.62	Weight %
S&W Content	D-1796	0.10	Volume %
Viscosity	D-445	526.5	Cst
Viscosity @ 122F	D-2161	248.4	Sfs
Ash Content	D-482	0.045	Weight %
Heat of Combustion	D-240	18,428	Btu/lb
Gravity	Table 8	8.218	lb./gal
Heat of Combustion	D-240	151,441	Btu/Gal.
Nitrogen	D-5762	0.39	Weight %
Vanadium	D5863B	99	Ppm
Sodium	D5863B	12	Ppm
Water by Distillation	D-95	0.10	Volume %
Sediment by Extraction	D-473	0.02	Weight %
Asphaltenes	D-3279	4.9	Weight %
Conradson Carbon Residue	D-189	12.7	Weight %

Approved by _____
Albert Collin Jr.

SPRAGUE PROVIDES THE ATTACHED INSPECTION REPORT/ANALYSIS REPRESENTING THE SPECIFICATIONS OF THE PRODUCT AT THE SPRAGUE TERMINAL IN TANK ON THE DATE OF INSPECTION NOTED ON THE CERTIFICATE. THIS ANALYSIS IS PROVIDED TO THE CUSTOMER FOR THE PURPOSE OF ESTABLISHING THE INDEPENDENTLY VERIFIED PRODUCT SPECIFICATION ON A COMPOSITE BASIS IN SPRAGUE'S TERMINAL SHORE TANK AS NOTED ON THE CERTIFICATE. THE INSPECTION REPORT IS NOT TO BE USED FOR ANY OTHER PURPOSE. SPRAGUE DISCLAIMS ANY LIABILITY FOR THE PRODUCT AFTER DELIVERY BY SPRAGUE TO CUSTOMER. SPRAGUE DISCLAIMS ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR AN INTENDED USE EXCEPT AS MAY BE SPECIFICALLY SET FORTH IN WRITING IN ANY CONTRACT OR TERMS OF SALE BETWEEN SPRAGUE AND A BUYER OF PRODUCT. SPRAGUE ASSUMES NO LIABILITY FOR CLAIMS OR LOSSES THAT MAY ARISE FROM CUSTOMER'S USE OF THIS INSPECTION REPORT/ANALYSIS.